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Form PTO-1449 Modified List of Patents and Publications Cited by Applicants (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. P-25,762-A USA		Application No. 10/086,464		
		Applicant(s) D. Goring, N. Silva, Y. Haffani				
		Filing Date 02/28/ 2002		Group 1645 1638		
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
cc	AA	5,880,328	03-09-1999	Ryals, et al.	800	205
	AB	5,876,991	03-02-1999	DeHoff, et al.	435	183
	AC	5,871,983	02-16-1999	Baltz, et al.	435	172.3
	AD	5,859,337	01-12-1999	Gasser, et al.	800	298
	AE	5,858,719	01-12-1999	Hillman, et al.	435	69.1
	AF	5,851,788	12-22-1998	Fukuda, et al.	435	29
	AG	5,850,025	12-15-1998	Mirkov, et al.	800	279
	AH	5,847,258	12-08-1998	Ryals, et al.	800	205
	AI	5,840,537	11-24-1998	Bandman, et al.	435	69.1
	AJ	5,840,530	11-24-1998	Gubler, et al.	435	69.1
	AK	5,824,864	10-20-1998	Fox, et al.	800	265
	AL	5,821,096	10-13-1998	Peery, et al.	435	183
	AM	5,821,094	10-13-1998	Rothstein, et al.	435	172.3
	AN	5,804,693	09-08-1998	Gaffney, et al.	800	205
	AO	5,792,851	08-11-1998	Schuster, et al.	536	23.5
	AP	5,789,202	08-04-1998	Hoskins, et al.	435	69.3
	AQ	5,786,322	07-28-1998	Barrett, et al.	514	2
	AR	5,767,375	06-16-1998	Briggs, et al.	800	205
	AS	5,767,369	06-16-1998	Ryals, et al.	800	205
	AT	5,767,075	06-16-1998	Avruch, et al.	514	12
	AU	5,763,571	06-09-1998	Avruch, et al.	530	324
✓	AV	5,763,211	06-09-1998	Snodgrass, et al.	435	69.1
Examiner Cynthia B. O'Leary		Date Considered 6/03/04				



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U.S. Department of Commerce Patent and Trademark Office						
U.S. PATENT DOCUMENTS						
Examiner Initials		Document No.	Date	Name	Class	Subclass
Cc	BA	5,759,788	06-02-1998	Freneau, et al.	435	7.21
	BB	5,756,684	05-26-1998	Johnson, et al.	530	388.21
	BC	5,753,226	05-19-1998	Greene, et al.	424	130.1
	BD	5,750,848	05-12-1998	Kruger, et al.	800	281
	BE	5,750,653	05-12-1998	Chu, et al.	530	350
	BF	5,750,652	05-12-1998	Artavanis-Tsakonas, et al.	530	350
	BG	5,710,018	01-20-1998	Dantzig, et al.	435	69.1
	BH	5,688,681	11-18-1997	Kim	435	240.27
	BI	5,688,657	11-18-1997	Tsang, et al.	435	7.23
	BJ	5,683,983	11-04-1997	Barrett, et al.	514	12
	BK	5,683,693	11-04-1997	Noelle, et al.	424	144.1
	BL	5,681,714	10-28-1997	Breitman, et al.	435	69.1
	BM	5,677,280	10-14-1997	Barrett, et al.	514	14
	BN	5,672,584	09-30-1997	Borchardt, et al.	514	11
	BO	5,668,110	09-16-1997	Barrett, et al.	514	13
	BP	5,667,781	09-16-1997	Trowbridge, et al.	424	143.1
	BQ	5,665,356	09-09-1997	DeBurgh Bradley, et al.	424	153.1
	BR	5,654,276	08-05-1997	Barrett, et al.	514	13
	BS	5,643,873	07-01-1997	Barrett, et al.	514	12
	BT	5,612,191	03-18-1997	Briggs, et al.	435	69.1
	BU	5,591,628	01-07-1997	Bae buttet.K, et al.	435	240.26
Examiner	Cynthia Collins		Date Considered		6/03/04	



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U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
CC	CA	5,563,246	10-08-1996	Krulwich, et al.	530	350
	CB	5,512,282	04-30-1996	Krivan, et al.	424	169.1
	CC	5,510,241	04-23-1996	Thorns	435	7.3
	CD	5,503,987	04-02-1996	Wagne, et al.	435	7.94
	CE	5,501,988	03-26-1996	Kobayashi, et al.	436	548
	CF	5,500,345	03-19-1996	Soe, et al.	435	7.1
	CG	5,496,705	03-05-1996	Sugano	435	7.23
	CH	5,422,108	06-06-1995	Mirkov, et al.	424	94.61
	CI	5,346,815	09-13-1994	Krulwich, et al.	435	69.1
	CJ	5,225,331	07-06-1993	Lacroix, et al.	435	7.34
	CK	5,124,147	06-23-1992	Wissner, et al.	424	85.8
↓	CL	4,828,985	05-09-1989	Self	435	7

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Country	Translation	
					Yes	No
CC	CM	WO 94/09139	04-28-1994	PCT	1	1
CC	CN	WO 97/13843	04-17-1997	PCT	1	1
	CO					
	CP					
	CQ					
	CR					
	CS					
Examiner Cynthia Bell		Date Considered		6/03/04		



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U.S. Department of Commerce Patent and Trademark Office			
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cc	DA	Lin, et al., <i>Arabidopsis Chromosome II BAC T30D6 Genomic Sequence</i> (abstract), DATABASE EMBL AC Q9ZNQ8 'Online! (May 1, 1999).	
	DB	Terry, et al., <i>Serine/Threonine Protein Kinase</i> (abstract), DATABASE EMBL 'Online AC 065672 (Aug. 1, 1998).	
	DC	Vysotskaia, et al., <i>Arabidopsis thaliana chromosome 1 BAC F508 Sequence</i> (abstract), DATABASE EMBL 'Online! AC Q9ZUEO (May 1, 1999).	
	DD	Federspiel, et al., <i>Sequence from N.A.</i> (abstract), DATABASE EMBL AC Q9XI96 'Online (Nov. 1, 1999).	
	DE	W. R. Pearson, et al., <i>Improved Tools for Biological Sequence Analysis</i> , PNAS, 85:2444-48 (1988).	
	DF	W. R. Pearson, <i>Rapid and Sensitive Sequence Comparison with FASTP and FASTA</i> , METHODS IN ENZYMOLOGY, 183:63-98 (1990).	
	DG	X. Tang, et al., <i>Overexpression of Pto Activates Defense Responses and Confers Broad Resistance</i> , PLANT CELL, 11:15-29 (1999).	
	DH	H. Cao, et al., <i>Generation of Broad-spectrum Disease Resistance by Overexpression of an Essential Regulatory Gene in Systemic Acquired Resistance</i> , PROC. NATL. ACAD. SCI., 95:6531-36 (1998).	
	DI	J. Royo, et al., <i>Antisense-mediated Depletion of a Potato Lipxygenase Reduces Wound Induction of Proteinase Inhibitors and Increases Weight Gain of Insect Pests</i> , PROC. NATL. ACAD. SCI., 96:1146-51 (1999).	
	DJ	D. M. Braun & J. C. Walker, <i>Plant Transmembrane Receptors: New Pieces in the Signaling Puzzle</i> , TIBS, 21:70-73 (1996).	
	DK	G. I., Cassab, <i>Plant Cell Wall Proteins</i> , ANNU. REV. PLANT PHYSIOL. PLANT MOL. BIOL., 49:281-309 (1998).	
↓	DL	C. Chang, et al., <i>The TMK1 Gene from Arabidopsis Codes for a Protein with Structural and Biochemical Characteristics of a Receptor Protein Kinase</i> , PLANT CELL, 4:1263-71 (1992).	
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		Filing Date 02/28/ 2002	Group 1645 1638
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
cc	EA	S. Clark, et al., <i>The CLAVATA1 Gene Encodes a Putative Receptor-Kinase That Controls Shoot and Floral Meristem Size in Arabidopsis</i> , CELL, 89:575-85 (1997).	
	EB	J. M. Cock, et al., <i>Natural Antisense Transcripts of the S Locus Receptor Kinase Gene and Related Sequences in Brassica oleracea</i> , MOL. GEN. GENT., 255:514-24 (1997).	
	EC	D. R. Corbin, et al., <i>Differential Regulation of a Hydroxyproline-rich Glycoprotein Gene Family in Wounded and Infected Plants</i> , MOL CELL BIOL., 7:4337-44 (1987).	
	ED	S. H. Doares, et al., <i>Salicylic Acid Inhibits Synthesis of Proteinase Inhibitors in Tomato Leaves Induced by Systemin and Jasmonic Acid</i> , PLANT PHYSIOL., 108:1741-46 (1995).	
	EE	K. G. Dwyer, et al., <i>A Superfamily of S Locus-related Sequences in Arabidopsis: Diverse Structures and Expression Patterns</i> , PLANT CELL, 6:1829-43 (1994).	
	EF	A. P. Feinberg & B. Vogelstein, <i>A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity</i> , ANAL. BIOCHEM., 132:6-13 (1983).	
	EG	M. A. Frohman, et al., <i>Rapid Production of Full Length DNAs from Rare Transcripts: Amplification Using a Single Gene-specific Oligonucleotide Primer</i> , PROC. NATL. ACAD. SCI. USA, 85:8998-9002 (1988).	
	EH	D. R. Goring & S. J. Rothstein, <i>The S-locus Receptor Kinase Gene in a Self-incompatible Brassica napus Line Encodes a Functional Serine/Threonine Kinase</i> , PLANT CELL, 4:1273-81 (1992).	
	EI	D. R. Goring, et al., <i>Identification of an S-locus Glycoprotein Allele Introgressed from B. napus ssp. rapifera to B. napus ssp. oleifera</i> , PLANT J., 2:983-89 (1992).	
	EJ	S. K. Hanks & A. M. Quinn, <i>Protein Kinase Catalytic Domain Sequence Database: Identification of Conserved Features of Primary Structure and Classification of Family Members</i> , METHODS ENZYMOL, 200:38-62 (1991).	
↓	EK	C. Hervé, et al., <i>Characterization of an Arabidopsis thaliana Gene That Defines a New Class of Putative Plant Receptor Kinases with an Extracellular Lectin-like Domain</i> , J. MOL. BIOL., 258:778-88 (1996).	
Examiner <i>Cynthia Collins</i>		Date Considered 6/03/04	



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U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CC ↓ ✓	FA	M. A. Horn & J. C. Walker, <i>Biochemical Properties of the Autophosphorylation of RLK5, a Receptor-like Protein Kinase from Arabidopsis thaliana</i> , BIOCHEM. et BIOPHYS. ACTA, 1208:65-74 (1994).	
	FB	J. D. G. Jones, <i>High Level Expression of Introduced Chimaeric Genes in Regenerated Transformed Plants</i> , EMBO J., 4:2411-18 (1985).	
	FC	B. Keller & C. J. Lamb, <i>Specific Expression of a Novel Cell Wall Hydroxyproline-rich Glycoprotein Gene in Lateral Root Initiation</i> , GENES DEV., 3:1639-46 (1989).	
	FD	B. D. Kohorn, <i>An Arabidopsis Serine/Threonine Kinase Homologue with an Epidermal Growth Factor Repeat Selected in Yeast for Its Specificity for a Thylakoid Membrane Protein</i> , PROC. NATL. SCI. USA, 89:10989-92 (1992).	
	FE	J. Kyte & R. F. Doolittle, <i>A Simple Method for Displaying the Hydropathic Character of a Protein</i> , J. MOL. BIOL., 157:105-32 (1982).	
	FF	J. Li & J. Chroy, <i>A Putative Leucine Rich Repeat Receptor Kinase Involved in Brassinosteroid Signal Transduction</i> , CELL, 90:929-38 (1997).	
	FG	H. Y. Lin, et al., <i>Expression Cloning of TGF-β Type II Receptor, a Functional Transmembrane Serine/Threonine Kinase</i> , CELL, 68:775-85 (1992).	
	FH	H. A. Lutcke, et al., <i>Selection of AUG Initiation Codons Differs in Plants and Animals</i> , EMBO J., 6:43-48 (1987).	
	FI	G. Merkouropoulos, et al., <i>The Arabidopsis Extensin Gene is Developmentally Regulated, Is Induced by Wounding, Methyl Jasmonate, Absciscic Acid and Salicylic Acid, and Codes for a Protein with Unusual Motifs</i> , PLANTA, 208:212-19 (1999).	
	FJ	J.-H. Mu, et al., <i>Characterization of a Pollen Expressed Receptor-line Kinase Gene of Petunia inflata and the Activity of Its Encoded Kinase</i> , PLANT CELL, 6:709-721 (1994).	
FK	J. B. Nasrallah & M. E. Nasrallah, <i>Pollen-stigma Signaling in the Sporophytic Self-incompatibility Response</i> , PLANT CELL, 5:1325-35 (1993).		
FL	I. A. M. Penninckx, et al., <i>Pathogen-induced Systemic Activation of a Plant Defensin Gene in Arabidopsis Follows a Salicylic Acid-independent Pathway</i> , PLANT CELL, 8:2309-23 (1996).		
Examiner Cynthia Collins		Date Considered 6/03/04	



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Form PTO-1449 Modified List of Patents and Publications Cited by Applicants (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. P-25,762-A USA	Application No. 10/086,464
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	Filing Date 02/28/ 2002	Group 1645 1638

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

cc	HA	P. ten Dijke, et al., <i>Activin Receptor-like Kinases: A Novel Subclass of Cell Surface Receptors with Predicted Serine/Threonine Kinase Activity</i> , ONCOGENE, 8:2879-87 (1993).
	HB	E. Titarenko, et al., <i>Jasmonic Acid-Dependent and -Independent Signaling Pathways Control Wound-Induced Gene Activation in Arabidopsis thaliana</i> , PLANT PHYSIOL., 115:817-26 (1997).
	HC	C. M. Tobias, et al., <i>An Arabidopsis thaliana Gene with Sequence Similarity to the S-locus Receptor Kinase of Brassica oleracea</i> , PLANT PHYSIOL., 99:284-90 (1992).
	HD	K. U. Torii, et al., <i>The Arabidopsis ERECTA Gene Encodes a Putative Receptor Protein Kinase with Extracellular Leucine-rich Repeats</i> , PLANT CELL, 8:735-46 (1996).
	HE	K. Truernit, et al., <i>The Sink-Specific Stress-Regulated Arabidopsis STP4 Gene: Enhanced Expression of a Gene Encoding a Monosaccharide Transporter by Wounding, Elicitors and Pathogen Challenge</i> , PLANT CELL, 8:2169-82 (1996).
	HF	A. Ullrich & J. Schlessinger, <i>Signal Transduction by Receptors with Tyrosine Kinase Activity</i> , CELL, 61:203-12 (1990).
	HG	S. Usami, et al., <i>Cutting Activates a 46-kilodalton Protein Kinase in Plants</i> , PROC. NATL. ACAD. SCI. USA, 92:8660-64 (1995).
	HH	J. C. Walker, <i>Receptor-like Protein Kinase Genes of Arabidopsis thaliana</i> , PLANT J., 3:451-56 (1993).
	HI	J. C. Walker, <i>Structure and Function of the Receptor-like Protein Kinases of Higher Plants</i> , PLANT MOL. BIOL., 26:1599-1609 (1994).
	HJ	J. C. Walker & R. Zhang, <i>Relationship of a Putative Receptor Protein Kinase from Maize to the S-locus Glycoproteins of Brassica</i> , NATURE, 345:743-46 (1990).
	HK	G.-L. Wang, et al., <i>Xa21 Encodes a Receptor-like Molecule with a Leucine-rich Repeat Domain that Determines Race-specific Recognition and Is Subject to Adaptive Evolution</i> , PLANT CELL, 10:765-79 (1998).
↓	HL	X. Wang, et al., <i>The PR5K Receptor Protein Kinase from Arabidopsis thaliana Is Structurally Related to a Family of Plant Defense Proteins</i> , PROC. NATL. ACAD. SCI. USA 93:2598-2602 (1996).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
CC ↓	GA	H. Peña-Cortés, et al., <i>Aspirin Prevents Wound-induced Gene Expression in Tomato Leaves by Jasmonic Acid Biosynthesis</i> , PLANTA, 191:123-28 (1993).	
	GB	F. Sanger, et al., <i>DNA Sequencing with Chain Terminating Inhibitors</i> , PROC. NATL. ACAD. SCI. USA, 74:5463-67 (1977).	
	GC	N. Sauer, et al., <i>Cloning and Characterization of a Wound-Specific Hydroxyproline-Rich Glycoprotein in Phaseolus vulgaris</i> , PLANT CELL ENVIRON., 13:257-66 (1990).	
	GD	P. Schweizer, et al., <i>Induced Systemic Resistance in Wounded Rice Plants</i> , PLANT J., 14:475-81 (1998).	
	GE	A. H. Shirsat, et al., <i>A Gene for Brassica napus Extensin Is Differentially Expressed On Wounding</i> , PLANT MOL. BIOL., 30:1291-1300 (1996).	
	GF	A. M. Showalter, et al., <i>Tomato Extensin and Extensin-like cDNAs: Structure and Expression in Response to Wounding</i> , PLANT MOL. BIO., 16:547-65 (1991).	
	GG	A. M. Showalter, <i>Structure and Function of Plant Cell Wall Proteins</i> , PLANT CELL, 5:9-23 (1993).	
	GH	S. J. Singer, <i>Structure and Insertion of Integral Proteins in Membranes</i> , ANNU. REV. CELL BIOL., 6:247-96 (1990).	
	GI	W.-Y. Song, et al., <i>A Receptor Kinase-like Protein Encoded by the Rice Disease Resistance Gene Xa21</i> , SCIENCE, 270:1804-06 (1995).	
	GJ	J. C. Stein, et al., <i>Molecular Cloning of a Putative Receptor Protein Kinase Gene Encoded at the Self-Incompatibility Locus of Brassica oleracea</i> , PROC. NATL. ACAD. SCI. USA, 88:8816-20 (1991).	
	GK	K. Suzuki & H. Shinshi, <i>Transient Activation and Tyrosine Phosphorylation of a Protein Kinase in Tobacco Cells Treated with a Fungal Elicitor</i> , PLANT CELL, 7:639-47 (1995).	
	GL	R. Swarup, et al., <i>A New Class of Receptor-like Protein Kinase Gene from Arabidopsis thaliana Possessing a Domain with Similarity of Plant Lectin Genes</i> , PLANT PHYSIOL., 111:347 (1996).	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
cc	IA	R. Ward, et al., <i>Coordinate Gene Activity in Response to Agents That Induce Systemic Acquired Resistance</i> , PLANT CELL, 3:1085-94 (1991).	
	IB	J. N. Weinstein, et al., <i>Charge Clusters and the Orientation of Membrane Proteins</i> , J. MEMBR. BIOL., 66:203-12 (1982).	
	IC	L. G. Wilson & J. L. Fry, <i>Extensin - A Major Cell Wall Glycoprotein</i> , PLANT CELL ENVIRON., 9:239-60 (1986).	
	ID	Y. Yang, et al., <i>Signal Perception and Transduction in Plant Defense Responses</i> , GENES DEV., 11:1621-39 (1997).	
	IE	Y. Zhao, et al., <i>Molecular Cloning and Biochemical Characterization of a Receptor-like Serine/Threonine Kinase from Rice</i> , PLANT MOL. BIOL., 26:791-803 (1994).	
	IF	J. Zhou, et al., <i>The Tomato Gene Pti1 Encodes a Serine/Threonine Kinase That Is Phosphorylated by Pto and Is Involved in the Hypersensitive Response</i> , CELL, 83:925-35 (1995).	
	IG	Morgan, et al., ANN. REP. MED. EHEM., 24:243-52 (1989).	
	IH	P. W. Becraft, et al., <i>CRINKLY4: a TNFR-like Receptor Kinase Involved in Maize Epidermal Differentiation</i> , SCIENCE, 273:1406-09 (1996).	
	IJ	Z. H. He, et al., <i>A Cell Wall-associated, Receptor-like Kinase</i> , J. BIOL. CHEM., 271:19789-93 (1996).	
	IK	Z. H. He, et al., <i>Requirement for the Induced Expression of a Cell Wall-associated Receptor Kinase for Survival During the Pathogen Response</i> , PLANT J., 14:55-63 (1998).	
	IL	Z. H. He, et al., <i>A Cluster of Five Cell Wall-associated Receptor Kinase Genes, Wak1-5, Are Expressed in Specific Organs of Arabidopsis</i> , PLANT MOL. BIOL., 39:1189-96 (1999).	
↓	IM	T. L. Jinn, et al., <i>HAESA, an Arabidopsis Leucine-rich Repeat Receptor Kinase, Controls Floral Organ Abscission</i> , GENES DEV., 14:108-17 (2000).	
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cc	JA	D. Lally, et al., <i>Antisense Expression of a Cell Wall-associated Protein Kinase, WAK4, Inhibits Cell Elongation and Alters Morphology</i> , PLANT CELL, 13:1317-31 (2001).	
	JB	K. Lease, et al., <i>Challenges in Understanding RKL Function</i> , CURR. OPIN. PLANT BIOL., 1:388-92 (1998).	
	JC	O. Leyser, <i>Auxin Signaling: the Beginning, the Middle, and the End</i> , CURR. OPIN. PLANT BIOL., 4:382-86 (2001).	
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	JE	K. Mockaitis & S. H. Howell, <i>Auxin Induces Mitogenic Activated Protein Kinase (MAPK) Activation in Roots of Arabidopsis Seedlings</i> , PLANT J., 24:785-96 (2000).	
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